

Amendment to the Abstract

Please replace the Abstract with the following new Abstract:

A method for generating ultra-short pulse amplified Raman laser light. Short pulse laser light is amplified, and a portion thereof is introduced into a Raman oscillator to produce compressed laser light. The compressed light is introduced to a first Raman amplifier. The remainder of the short pulse laser light is introduced to a polarizer, and the reflected light is introduced into the first Raman amplifier to pump it. The light transmitted through the first Raman amplifier that has not contributed to pumping is introduced to a beam splitter to produce a second reflected light that is passed to a second Raman amplifier to pump that amplifier. The compressed light is amplified in the first Raman amplifier and introduced to the second Raman amplifier to further amplify it. This further amplified radiation is passed through delay lines to the beam splitter, which passes only first Stokes radiation to generate ultra-short pulse amplified Raman laser light.